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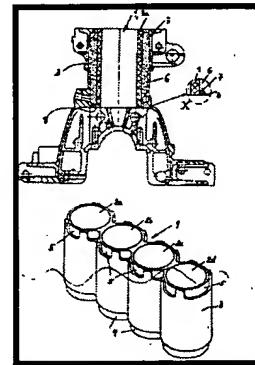
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Derwent Title: **Manufacturing method for engine cylinder block - by forming cylinders and casting block around water jacket core**

Original Title: [DE4230584A1: Verfahren zum Herstellen eines Zylinderblocks einer mehrzylindrigen Brennkraftmaschine](#)

Assignee: **BAYERISCHE MOTOREN WERKE AG** Standard company
Other publications from [BAYERISCHE MOTOREN WERKE AG \(BAYM\)...](#)



Inventor: **BOGNAR J; REGUSEWICZ F;**

Accession/
Update: **1994-093232 / 199412**

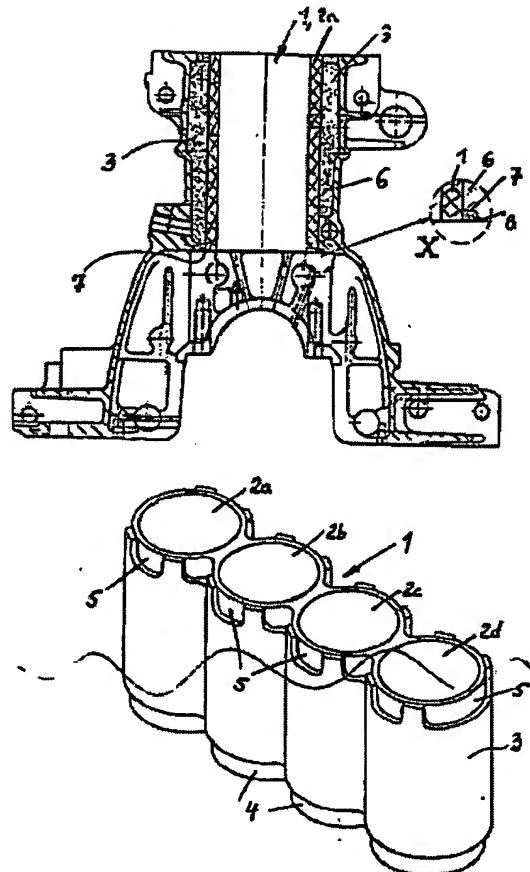
IPC Code: **B22D 19/16 ;**

Derwent Classes: **P53;**

Derwent
Abstract: ([DE4230584A](#)) Cylinder block of a multi-cylinder internal combustion engine is mfd. by method in which the cylinders (1) is first mfd. from Al alloy by e.g. extrusion and a water jacket core (3) is mounted on the cylinders before casting the block (6) round the cylinders by pressure die casting around the assembly.

Advantage - Simple method of achieving stiff, closed-deck structure.

Images:



Dwg.1/2

Family: [PDF Patent](#) Pub. Date Derwent Update Pages Language IPC Code
 DE4230584A1 * 1994-03-17 199412 4 German B22D 19/16
 Local appls.: [DE1992004230584](#) Filed:1992-09-12 (92DE-4230584)

INPADOC
 Legal Status: [Show legal status actions](#)

First Claim: [Show all claims](#)
 1. Verfahren zum Herstellen eines Zylinderblocks einer mehrzylindrigen Brennkraftmaschine, wobei zunächst die Zylinder als Einheit (1) geformt werden, die anschließend mit einem Gehäuse (6) umgossen wird, dadurch gekennzeichnet, daß auf die vorgeformte Zylindereinheit (1) vor dem Umgießen ein Wassermantelkern (3) aufgebracht wird.

Priority Number:

Application Number	Filed	Original Title
DE1992004230584	1992-09-12	VERFAHREN ZUM HERSTELLEN EINES ZYLINDERBLOCKS EINER MEHRZYLINDRIGEN BRENNKRAFTMASCHINE

Title Terms: MANUFACTURE METHOD ENGINE CYLINDER BLOCK FORMING CYLINDER CAST BLOCK WATER JACKET CORE

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